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(54) Title: METHODS AND COMPOSITION FOR SOFT TISSUE FEATURE RECONSTRUCTION

(57) Abstract: This present invention describes methods and compositions useful for the reconstruction of various soft tissue features such as lips, areola, and many other features by taking a mold of the skin feature to be replaced, such as the areola, prior to surgical resection, re-creating the size and shape of the soft tissue feature, for example, the nipple and areola, and making a polymer or biopolymer scaffold that is biocompatible, has the ability to allow the epithelialization of the skin cells over the polymer, the capability of cell integration into the body of the scaffold, as well as the capability of infiltration of surrounding nerve fibers into the substance of the scaffold, so that the patient may have the benefit of a reconstructed soft tissues feature that not only has the same size and shape and appearance as the native tissue, but also has functional sensation.